

School Year
2016-2017

Advanced Coursework Network Catalog



MASTER EDITION

---FALL & YEARLONG COURSES---

-----BY CREDIT TYPE-----



Rhode Island Department of Education
School Year 2016-2017

Table of Contents

About the Advanced Coursework Network	4
Network Important Information	4
<hr/>	
Course Options	
Catalog Description	6
Dual Enrollment	7
Science, Engineering & Technology	8
Mathematics	24
English Language & Composition	27
History & Social Sciences	31
World Languages	38
Advanced Placement®	39
Science, Engineering & Technology	39
Mathematics	46
World Languages	49
Visual & Performing Arts	50
History & Social Sciences	51
Career Preparation	53
Science, Engineering & Technology	53
Additional Opportunities	56
Advanced Secondary Courses	58
Science, Engineering & Technology	58
Mathematics	64
English Language & Composition	64
World Languages	65
<hr/>	
Network Contact Information	67

About the Advanced Coursework Network

Rhode Island students work diligently to meet high school graduation requirements and prepare themselves for college and career success. For some students, that work will include advanced courses for college credit or specialized training to receive an industry certification. These enriching experiences help students get a head start on post-secondary success, master the skills required of a lifelong learner, and be prepared for jobs in sectors critical to Rhode Island's future prosperity.

The Rhode Island Department of Education (RIDE) has developed the Advanced Coursework Network to ensure that all students have access to high quality coursework that will allow them to pursue their interests and prepare them for success after high school. The Advanced Coursework Network is a statewide course access system that gives students choices beyond what is available at their high school. Through state funding, schools can seamlessly expand course opportunities for their students at no additional cost to students, families or the district. The options available to schools and students will be offered through high quality, state-approved course providers, with possibilities ranging from local industry training programs to advanced courses at Rhode Island's colleges and universities.

The Network engages students and families to give Rhode Island high school students access to courses that enable them to envision, pursue and complete their individualized graduation pathway. Students remain enrolled in their current public school, but can supplement their existing curricular options to improve their college and career preparedness. The course offerings include advanced science and mathematics courses, as well as Advanced Placement (AP[®]), world languages, career-focused and dual/concurrent enrollment courses.

Important Information

Costs: The RI Department of Education (RIDE) will cover the cost of course tuition and fees including textbook and materials for courses listed in this catalog for all students enrolling from public school Network Members. RIDE is unable to cover costs associated with transportation to courses. Students and families are responsible for these potential transportation costs. Please note that for Advanced Placement courses, the provider must adhere to the policies they have in place for students enrolled from their existing program. This means in some cases, a student may be responsible for the \$92 to take the test. RIDE has funds available to supplement costs for students of families with qualified incomes. For more information, visit www.ride.ri.gov/advancedcoursework.

Registration and Enrollment: Students should work with their school guidance counselors and their families to identify appropriate coursework. Once coursework is identified, students, families or guidance counselors may complete the registration form on www.ride.ri.gov/advancedcoursework. Courses on the registration form will be organized alphabetically by course name. Please note the course, scheduling summary and provider of the courses you are interested in to be able to identify them on the form.

Courses will be filled "first-come-first-serve" with a wait list being created in the case seats open in the course before the start date. Specific start dates of each course will be shared by the Course Provider once a student has confirmed their registration in the course. **Students are not fully enrolled in the course until they and their School Contact receive a confirmation email from the course provider.**

**For questions or comments about the Advanced Coursework Network, email
advancedcoursework@ride.ri.gov**

COURSE OPTIONS

The following pages share the AY16-17 Fall and Yearlong course offerings. Courses are categorized into:

- Dual / Concurrent Enrollment: These courses will enable students to earn college from an accredited post-secondary institution while earning high school credit.
- Advanced Placement: These courses are identified by the College Board organization and are designed to be of college rigor. Students may choose to take a comprehensive course at the end of these courses to obtain a college credit equivalent that is accepted by many 2 and 4 year institutions of higher education.
- Career Preparation: These courses have been identified as leading to a workplace credential or oriented towards increasing student awareness of potential career opportunities.
- Advanced Secondary Credit: These courses may be electives and address various disciplines.



Courses may be offered in face to face formats or virtually. Look for this symbol to quickly identify virtual courses.

DUAL / CONCURRENT ENROLLMENT

SCIENCE, ENGINEERING & TECHNOLOGY

AP Computer Science Principles

Category: Dual / Concurrent Credit - Engineering & Technology

Description: AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. This curriculum framework provides a detailed description of the course content. The key sections of this framework are described in the following text (The AP Computer Science Principles Curriculum Framework). AP CSP offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. The University of Rhode Island's Department of Computer Science and Statistics has developed a rigorous schedule of activities that align with the College Board's curriculum framework for AP CSP based on their freshmen introduction to computer science. The units have been tested across a 5 school districts in Rhode Island. FabNewport will use the URI curriculum developed by Victor Fay-Wolfe. Students receive 8 credits from the University of Rhode Island for successfully completing the course.



Provider: Fab Newport

Credential Opportunity:	Concurrent Credit
Prerequisites:	None
Scheduling Summary:	F2F - School Day - Every Day
Semester:	Yearlong
Middle School Eligible:	No
Day of Week / Time:	Mon/Wed or Tues/Thurs /TBA
Location:	1 York Street, Newport RI
Provider-Suggested Sched Code:	10011

Color and Composition

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 3 Class Hours 3 Quarter Credit Hours | IID 134 This course will introduce students to the theory and technical properties of color relative to composition and light. Through assigned vignettes and projects, students will explore the functions of color and its use to create desired human response and comfort, perceptions, form and space.

Credential Opportunity: Dual Credit

Prerequisites: ABT111

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 4:45pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 19263



*Provider: New England Institute
of Technology*

Computer and Networking Fundamentals

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 2 Class Hours 2 Lab Hours 3 Quarter Credit Hours | NE 115 This course provides a technical overview of computers and computer networking used in business. Hands on exercises are provided to give students experience with basic computer and network activities. The content serves as a technical foundation for later courses in the Network Engineering and Software Engineering programs.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 4:45pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 10254



*Provider: New England Institute
of Technology*

Computer Crimes

Category: Dual / Concurrent Credit - Engineering & Technology

Description: This course covers the essential aspects of computer crime including relevant laws, standards, agencies that monitor computer crime, and terminology. It explores current issues and legal principles,

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 10108



*Provider: Salve Regina
University*

Computer Science Principles (CSP)

Category: Dual / Concurrent Credit - Engineering & Technology

Description: In the Academy for Career Exploration (ACE) Computer Science Principles, students, URI staff, ACE CTE teachers of record, and IT professionals explore the principles of computer science in the context of real-world applications and projects including: 1.) digital documents, images, and video using Google Docs, Slides; 2. images using Google Drawing, free browser apps for editing photos and video. All students will tear down and rebuild a desktop computer in the hardware unit, and begin coding using the online platform at CodeHS.org.

Credential Opportunity: Concurrent Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed /3:30pm - 5pm

Location: Academy for Career Exploration

Provider-Suggested Sched Code: 10002



*Provider: Providence After
School Alliance*

Cybersecurity in Organizations

Category: Dual / Concurrent Credit - Engineering & Technology

Description: This course covers the issues surrounding protecting data and databases within and across organizations. Students will learn the fundamentals theory as well as the applications in accessing this important topic in today's global society,

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 10108



*Provider: Salve Regina
University*

Digital Photography

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 2 Class Hours 4 Lab Hours 4 Quarter Credit Hours | GMW 100

This course introduces GMW students to the technology and techniques of digital image creation using SLR cameras. Starting with "what is digital" theory and principles, this course will train students in basic digital still camera photography, composition, and storage technique. It will then continue with each student shooting and editing their own photo essay, to be used as a first portfolio piece.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 5:35pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 05167



*Provider: New England Institute
of Technology*

Intro to Ship Handling

Category: Dual / Concurrent Credit - Engineering & Technology

Description: The student of the science and art of controlling and maneuvering single and twin screw propelled power vessels and tug and barge combinations in light and loaded conditions using the Institute's full bridge simulators. Propulsion and rudder systems and vessel turning and stopping are studied. Anchoring and anchor handling is addressed. The special considerations required for approaching other vessels, ship handling in rivers, maneuvering in shallow and narrow water ways, interaction of bank and passing vessels and berthing and un-berthing are studied. Dry-docking, heavy weather operations including lifeboat/life raft operations, wake reduction, operating in ice, and towing operations are studied. Emergency procedures including grounding, collision, fire, abandon ship procedures, emergency steering, personnel rescue, man overboard recovery and emergency towing are addressed.

Credential Opportunity: Dual Credit

Prerequisites: Nautical Science

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: 32 Washington Street, Fairhaven, MA

Provider-Suggested Sched Code: 20054



*Provider: Northeast Maritime
Academy*

Introduction to Architecture and Building Technology

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 1 Class Hour 1 Quarter Credit Hour |ABT 111 This is a survey course which introduces students to Building Science. Primary topics will include the many professional disciplines and career paths available to graduates. Additional topics will also include the skills and attitudes necessary to the disciplines, professional ethics, relationships with other trades and professions, construction documentation, and LEED.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon or Wed /3:05pm - 4:05pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 17001



*Provider: New England Institute
of Technology*

Introduction to Civil Engineering Technology

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 3 Class Hours 3 Quarter Credit Hours |CET 110 Introduction to the field of civil engineering with an overview of transportation infrastructure, municipal water and wastewater systems, surveying and environmental considerations. Other concepts to be introduced include careers in civil engineering, qualifications for civil engineers and technicians, and professional organizations within the industry.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 4:15pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 21011



*Provider: New England Institute
of Technology*

Introduction to Computer-Aided Drafting (CAD)

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 2 Class Hours 4 Lab Hours 4 Quarter Credit Hours |ABT 114 This course will provide students with the basics in architectural drafting using the applications of computer-aided design. Students will become familiar with keyboard and mouse functions as they apply to architectural drawings. The emphasis will be on wood frame construction. Topics will include use of the CAD system, the role of drawings in the construction process, and the relationship between the drawings.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 5:35pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 21107



*Provider: New England Institute
of Technology*

Introduction to Engineering Technology

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 2 Class Hours 2 Quarter Credit Hours | EST 112 This course is an introduction to engineering technology that gives an overview of the engineering profession with sample applications of typical duties, tasks, and environment of the engineer and technologist today. The opportunities for and duties of various related engineering and technology specialists are illustrated. The future of engineering technology is also discussed.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 4:45pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 21999



*Provider: New England Institute
of Technology*

Introduction to Game Development

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 2 Class Hours 2 Lab Hours 3 Quarter Credit Hours | GDS 114 This course is an overview of the game development industry. Students will learn what is involved in developing a professional game from start to finish. Topics include the game development life cycle, developing a budget and game specification documents. Students will also be exposed to important physics, math and artificial intelligence concepts relevant to game development.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 4:45pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 21059



*Provider: New England Institute
of Technology*

Introduction to Homeland Security

Category: Dual / Concurrent Credit - Engineering & Technology

Description: This course introduces students to the fundamental principles, structure, and function of homeland security and the intelligence community, It examines the four integrated functions of disaster management prevention/mitigation, preparedness, response and recovery, It analyzes strategies to enhance collaboration among the various intelligence agencies on local, state and federal levels,

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 15202



*Provider: Salve Regina
University*

Introduction to Mechanical Engineering Technology

Category: Dual / Concurrent Credit - Engineering & Technology

Description: MCT 111 2 Class Hours 2 Lab Hours 3 Quarter Credit Hours | This course is an introduction to engineering technology that gives an overview of the engineering profession with sample applications of the typical duties, tasks, and environment of the engineer and technologist today. The opportunities for and duties of various related engineering and technology specialists are illustrated. The future of engineering and technology is also discussed.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 4:45pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 13102



*Provider: New England Institute
of Technology*

Manufacturing Processes

Category: Dual / Concurrent Credit - Engineering & Technology

Description: This course provides a study of materials, processes, and equipment used in industry today. Topics include ferrous and nonferrous metals, material testing, heat treatment, founding process output capabilities of machines, welding, and inspection. Field trips and industrial films augment the text material. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

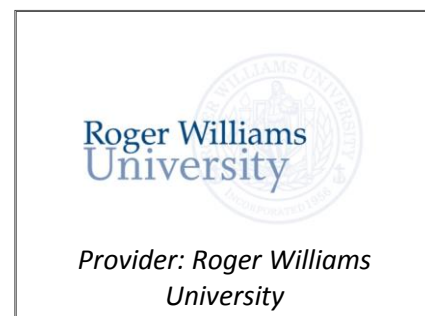
Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tuesday /6:15pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 13002



Manufacturing Processes

Category: Dual / Concurrent Credit - Engineering & Technology

Description: This course provides a study of materials, processes, and equipment used in industry today. Topics include ferrous and nonferrous metals, material testing, heat treatment, founding process output capabilities of machines, welding, and inspection. Field trips and industrial films augment the text material. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

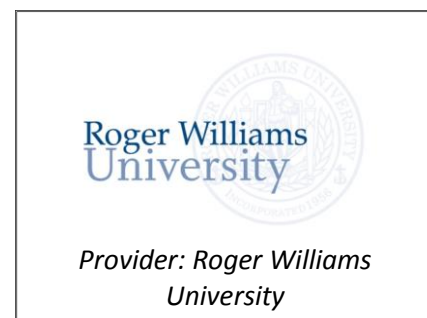
Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 13002



Nautical Science

Category: Dual / Concurrent Credit - Engineering & Technology

Description: An introduction to Nautical Science this course covers basic skills that would put the student at "Able Seafarer: level of knowledge in the Merchant Marine. The course includes material appropriate to the duties of an Able Seafarer, as well as skills to efficiently organization the work of others. Topics covered include: rigging, mechanical advantage, deck equipment, hardware, maintenance, line handling and safety procedures, laws for the prevention of collisions at sea, identification of navigational aids, Introduction to maritime pollution prevention laws and practice, marlinspike seamanship and where possible the theory and practice of cargo and weight handling. All topics will be covered both theoretically and practically.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: 32 Washington Street, Fairhaven, MA

Provider-Suggested Sched Code: 20054



*Provider: Northeast Maritime
Academy*

Programming Essentials Using C++

Category: Dual / Concurrent Credit - Engineering & Technology

Description: 2 Class Hours 4 Lab Hours 4 Quarter Credit Hours | SE 114 C++ will be used as the vehicle to introduce flowcharting, control structures, calculations, interactive programming techniques, functions, and arrays. Students will learn to write high quality programs that implement techniques and theory necessary for business applications. Laboratory projects will grow in complexity as students gain hands-on experience. Both personal and business applications will be provided.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall Quarter (October-December)

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /3:05pm - 5:35pm

Location: One New England Tech Blvd., East Greenwich, RI 02818

Provider-Suggested Sched Code: 10152



*Provider: New England Institute
of Technology*

XHTML/JavaScript**Category:** Dual / Concurrent Credit - Engineering & Technology**Description:** 2 Class Hours 4 Lab Hours 4 Quarter Credit Hours |SE 111 In this course, students will gain an introduction to internet technologies and basic programming logic through the study of HTML 5, XHTML, Cascading Style Sheets, and Javascript. File organization and implementation of web graphics will be stressed throughout this course.**Credential Opportunity:** Dual Credit**Prerequisites:** None**Scheduling Summary:** F2F - Afterschool 2xWeek**Semester:** Fall Quarter (October-December)**Middle School Eligible:** No**Day of Week / Time:** Mon/Wed or Tues/Thurs /3:05pm - 5:35pm**Location:** One New England Tech Blvd., East Greenwich, RI 02818**Provider-Suggested Sched Code:** 10201

*Provider: New England Institute
of Technology*

BIOL111: Intro to Biology**Category:** Dual / Concurrent Credit - Science**Description:** Emphasis is on the molecular and cellular nature of living systems. This course is intended for science majors and any student with interest in science.**Credential Opportunity:** Concurrent Credit**Prerequisites:** None**Scheduling Summary:** F2F - Weekend 1xWeek**Semester:** Fall 2016**Middle School Eligible:** No**Day of Week / Time:** /**Location:** Times2 Academy, Providence**Provider-Suggested Sched Code:** 03056

Provider: Times2Academy

BIOL112: Intro to Biology 2**Category:** Dual / Concurrent Credit - Science**Description:** Emphasis is on organismal and ecological levels of nature of living systems. This course is intended for science majors and any student with interest in science.**Credential Opportunity:** Concurrent Credit**Prerequisites:** Successful completion of BIOL111**Scheduling Summary:** F2F - Weekend 1xWeek**Semester:** Fall 2016**Middle School Eligible:** No**Day of Week / Time:** /**Location:** Times2 Academy, Providence**Provider-Suggested Sched Code:** 03099

Provider: Times2Academy

General Biology I

Category: Dual / Concurrent Credit - Science

Description: This course introduces fundamental concepts in ecology and evolution, relationships within populations and communities in the biosphere, Laboratory exercises include the use of natural richness of the school's island geography and in-lab simulations, Ethical concerns related to resources and their care and distribution are discussed.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 03052



*Provider: Salve Regina
University*

General Biology II

Category: Dual / Concurrent Credit - Science

Description: Foundational concepts in comparative anatomy of plants and animals, their physiology and adaptations are considered. Cell structure, biochemistry and molecular biology are highlighted. Lab includes wet experiment, dissection and simulations,

Credential Opportunity: Dual Credit

Prerequisites: General Bio I

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 03052



*Provider: Salve Regina
University*

General Chemistry I

Category: Dual / Concurrent Credit - Science

Description: Students will study principles of atomic and molecular sciences, bonding, stoichiometry, state of matter, kinetic molecular theory, and solutions. Corresponding laboratory experiments include volumetric and gravimetric analysis, a qualitative study of reactions, visible spectrophotometry, and problem-based analysis.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 03102



*Provider: Salve Regina
University*

General Chemistry II

Category: Dual / Concurrent Credit - Science

Description: Students continue the second semester of a general chemistry sequence. Includes the principles of chemical kinetics, equilibrium, acid-base reactions, electrochemistry, and thermodynamics. Also introduces topics in organic, nuclear, transition metal, and descriptive chemistry. Laboratory includes experiments related to lecture material.

Credential Opportunity: Dual Credit

Prerequisites: General Chem I

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 03102



*Provider: Salve Regina
University*

EMT Basic

Category: Dual / Concurrent Credit - Science

Description: Students will learn Skills in Basic Ufe Support, Respiratory Emergencies, Trauma Emergencies, vehicle extrication, and a new section on Terrorism awareness as It pertains to EMS. There will also be sections on medication administration, use of Automated External Defibrillators, and ambulance operations. Students will also be required to document 8 hours of observation time in a hospital Emergency Room. (6 Credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tues/Thurs /6pm - 10pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 14055



*Provider: Roger Williams
University*

Human Anatomy & Physiology I

Category: Dual / Concurrent Credit - Science

Description: A systematic study of the gross and microscopic anatomy of the human body and the function of its parts are explored in this course, Laboratory work includes dissections, microscopic examinations of structures and experiments in physiology. This sequence is for those in nursing. It is not appropriate, in and of itself, for those considering professional schools or graduate school in anatomy, physiology or development.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 03053



*Provider: Salve Regina
University*

Human Anatomy & Physiology II

Category: Dual / Concurrent Credit - Science

Description: A systematic study of the gross and microscopic anatomy of the human body and the function of its parts are explored in this course, Laboratory work includes dissections, microscopic examinations of structures and experiments in physiology. This sequence is for those in nursing. It is not appropriate, in and of itself, for those considering professional schools or graduate school in anatomy, physiology or development.

Credential Opportunity: Dual Credit

Prerequisites: HA & P I

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 03053



*Provider: Salve Regina
University*

Intro to Public Health

Category: Dual / Concurrent Credit - Science

Description: Intro to Public Health introduces students who are currently practicing in health care fields to an overview of public health on a state and national level. Students will learn about the public health system, including infectious disease, chronic disease, occupational health, injury control, maternal and child health, regulation, behavioral health issues, surveillance, quality assurance, and policy. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Monday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 14255



*Provider: Roger Williams
University*

Intro to Public Health

Category: Dual / Concurrent Credit - Science

Description: Intro to Public Health introduces students who are currently practicing in health care fields to an overview of public health on a state and national level. Students will learn about the public health system, including infectious disease, chronic disease, occupational health, injury control, maternal and child health, regulation, behavioral health issues, surveillance, quality assurance, and policy. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 14255

Roger Williams
University

Provider: Roger Williams
University



Manufacturing & Environmental Issues

Category: Dual / Concurrent Credit - Science

Description: Manufacturing and Environmental Issues is a continuation of Manufacturing Processes I. Includes the economics of metal cutting, production machines, abrasives, grinding operation, ultra-finishing, automation, and numerical control. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Wednesday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 13002

Roger Williams
University

Provider: Roger Williams
University

Manufacturing & Environmental Issues

Category: Dual / Concurrent Credit - Science

Description: Manufacturing and Environmental Issues is a continuation of Manufacturing Processes I. Includes the economics of metal cutting, production machines, abrasives, grinding operation, ultra-finishing, automation, and numerical control. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Online

Provider-Suggested Sched Code: 13002



Provider: Roger Williams University



PED102 Prevention and Care of Athletics

Category: Dual / Concurrent Credit - Science

Description: Students acquire a basic understanding of sports medicine. Topics include preventative techniques, protective strapping, basic anatomy, injury recognition and rehabilitation of athletic injuries.

Credential Opportunity: Concurrent Credit

Prerequisites: None

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 08017



Provider: Times2Academy

MATHEMATICS

Applied Calculus

Category: Dual / Concurrent Credit - Mathematics

Description: Students study topics that include functions, models, and average rate of change, limits, instantaneous rates of change, the derivative, differentiation techniques, applications of the derivative, and a brief introduction to integration, Prerequisite(s): Precalculus or high school algebra II.

Credential Opportunity: Dual Credit

Prerequisites: Precalc/Algebra II

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs / TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 02122



*Provider: Salve Regina
University*

Basic Statistics

Category: Dual / Concurrent Credit - Mathematics

Description: This course has an emphasize on descriptive statistics, probability, estimation, hypothesis testing, regression and correlation.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tuesday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 02203



*Provider: Roger Williams
University*

Basic Statistics

Category: Dual / Concurrent Credit - Mathematics

Description: This course has an emphasize on descriptive statistics, probablity, estimation, hypothesis testing, regression and correlation.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Online

Provider-Suggested Sched Code: 02203



*Provider: Roger Williams
University*



Calculus I

Category: Dual / Concurrent Credit - Mathematics

Description: This course covers the following topics: limits and continuity, the derivative, finding and interpreting the derivative, graphing and optimization. The level and pace of this course are generally greater than those of the Applied Calculus I course (MTH191), and some proofs of important theorems are studied.

Credential Opportunity: Dual Credit

Prerequisites: Precalc

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 02121



*Provider: Salve Regina
University*

Calculus II

Category: Dual / Concurrent Credit - Mathematics

Description: This course covers the following topics: integrals of functions of one variable, modeling with calculus, introduction to calculus of functions of several variables, techniques of integration, infinite series. Some proofs of important theorems are studied. Prerequisite(s): MTH201 or equivalent.

Credential Opportunity: Dual Credit

Prerequisites: Calc 1

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 02121



*Provider: Salve Regina
University*

Concepts in Math

Category: Dual / Concurrent Credit - Mathematics

Description: Concepts in Math: This course stresses the breadth of mathematics continuous and discrete, probabilistic as well as deterministic, computational and conceptual while providing students with tools needed to investigate, explore and understand the thematic connections that exist between discipline-based courses. Students investigate appropriate mathematical subject matter drawn from areas such as graphs and networks, the concept of change, combinatorics and probability, modern algebra and number theory, In addition to considering mathematical concepts that are the foundations of these areas in mathematics, students investigate applications of mathematics.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 02104



*Provider: Salve Regina
University*

Discrete Math

Category: Dual / Concurrent Credit - Mathematics

Description: This is a course in the foundations of mathematics and the ideas that underlie the science of computing, The topics that are explored are logical operations, relations and arguments, methods of proofs, set relations and operations and difference equations. Topics in number theory are also explored,

Credential Opportunity: Dual Credit

Prerequisites: Math202

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 02102



*Provider: Salve Regina
University*

ENGLISH LANGUAGE & COMPOSITION

Critical Writing for the Professions

Category: Dual / Concurrent Credit - English Language & Composition

Description: A research-based course, Critical Writing for the Professions focuses on the guidelines for persuasive writing commonly used in business and industry: how to write for specific audiences, choose the appropriate style, design effective document formats. and use visuals to help achieve a documents purpose. The course emphasizes the composition of such professional documents as letters, proposals, and analytical reports. {3 credits}

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Thursday /6:15pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 01105



*Provider: Roger Williams
University*

Critical Writing for the Professions

Category: Dual / Concurrent Credit - English Language & Composition

Description: A research-based course, Critical Writing for the Professions focuses on the guidelines for persuasive writing commonly used in business and industry: how to write for specific audiences, choose the appropriate style, design effective document formats. and use visuals to help achieve a documents purpose. The course emphasizes the composition of such professional documents as letters, proposals, and analytical reports. {3 credits}

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 01105



*Provider: Roger Williams
University*



Evolution of Jazz

Category: Dual / Concurrent Credit - English Language & Composition

Description: This course is an overview of the development of America's original art form. It deals with events of the times, the cultural and societal influences on the development of Jazz and on the music itself. Through reading, viewing, and listening, students will study the many styles of this uniquely American phenomenon.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Thursday /6:15pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 04302



*Provider: Roger Williams
University*

Evolution of Jazz

Category: Dual / Concurrent Credit - English Language & Composition

Description: This course is an overview of the development of America's original art form. It deals with events of the times, the cultural and societal influences on the development of Jazz and on the music itself. Through reading, viewing, and listening, students will study the many styles of this uniquely American phenomenon.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 04302



*Provider: Roger Williams
University*



Expository Writing

Category: Dual / Concurrent Credit - English Language & Composition

Description: This first-year course helps students develop a conceptual map of how writing works by building their rhetorical and writing process knowledge and by fostering genre and discourse community awareness. Students draft a minimum of four revised essays and complete a course portfolio. Students must submit a satisfactory portfolio and earn a C-or higher in the course in order to enroll in a 200-or 300-level WTNG course. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Monday /6:15pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 01105



*Provider: Roger Williams
University*

Expository Writing

Category: Dual / Concurrent Credit - English Language & Composition

Description: This first-year course helps students develop a conceptual map of how writing works by building their rhetorical and writing process knowledge and by fostering genre and discourse community awareness. Students draft a minimum of four revised essays and complete a course portfolio. Students must submit a satisfactory portfolio and earn a C-or higher in the course in order to enroll in a 200-or 300-level WTNG course. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 01105



*Provider: Roger Williams
University*



Intro to Public Speaking

Category: Dual / Concurrent Credit - English Language & Composition

Description: This course emphasizes effective speaking techniques for public as well as everyday situations. Focuses on identifying and organizing, and presenting facts, opinions, and values to a variety of audiences. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Monday /6:15pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 01151



*Provider: Roger Williams
University*

Intro to Public Speaking

Category: Dual / Concurrent Credit - English Language & Composition

Description: This course emphasizes effective speaking techniques for public as well as everyday situations. Focuses on identifying and organizing, and presenting facts, opinions, and values to a variety of audiences. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 01151



*Provider: Roger Williams
University*



Writing for Professionals

Category: Dual / Concurrent Credit - English Language & Composition

Description: Designed for the non-literature major, this course emphasizes the various types of writing and speaking that equip college graduates for success in business and the professions. Students write a variety of business documents, including memoranda, business letters, resumes, and proposals.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: SRU Campus, Newport

Provider-Suggested Sched Code: 01103



*Provider: Salve Regina
University*

HISTORY & SOCIAL STUDIES

Criminal Law for the Paralegal

Category: Dual / Concurrent Credit - History & Social Sciences

Description: Criminal law for the Paralegal offers an analysis of substantive criminal law, federal and state, with emphasis on background of the common law. Includes discussion of general principles of criminal law such as the extent to which the law attributes criminality to acts or omissions; criminal intent; conspiracy; infancy; insanity; drunkenness; special defenses; entrapment, mistake, and ignorance; and specific offenses such as offenses against the person, habitation, property, public peace, and morality. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tuesday /6:15pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 15057



*Provider: Roger Williams
University*

Criminal Law for the Paralegal

Category: Dual / Concurrent Credit - History & Social Sciences

Description: Criminal law for the Paralegal offers an analysis of substantive criminal law, federal and state, with emphasis on background of the common law. Includes discussion of general principles of criminal law such as the extent to which the law attributes criminality to acts or omissions; criminal intent; conspiracy; infancy; insanity; drunkenness; special defenses; entrapment, mistake, and ignorance; and specific offenses such as offenses against the person, habitation, property, public peace, and morality. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 15057



*Provider: Roger Williams
University*



Elements and Issues in Community Development

Category: Dual / Concurrent Credit - History & Social Sciences

Description: Elements and Issues in CO provides an overview of the concepts, theories and applications in the field of community development. This is the foundation course for the Community Development program, but it is appropriate for all students interested in a comprehensive look at the elements required to understand what makes for successful communities, from housing to education, to social services and infrastructure. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tuesday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 15201



*Provider: Roger Williams
University*

Elements and Issues in Community Development

Category: Dual / Concurrent Credit - History & Social Sciences

Description: Elements and Issues in CO provides an overview of the concepts, theories and applications in the field of community development. This is the foundation course for the Community Development program, but it is appropriate for all students interested in a comprehensive look at the elements required to understand what makes for successful communities, from housing to education, to social services and infrastructure. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

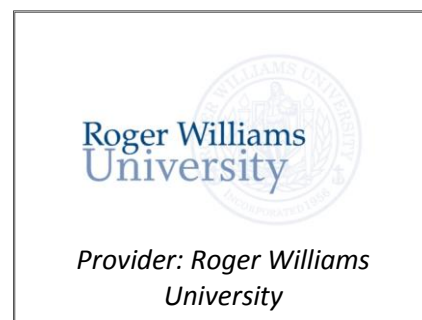
Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 15201



Foundations of Education

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course enables students to explore the profession and decide whether they want to become teachers. The curriculum examines historical, philosophical, and social issues of teaching and learning through selected readings, class discussions, and student research. This course includes a field experience in an urban public school. Students are required to write and present research on a current issue in education and to compile a "culture of the school" report based on their field experiences. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

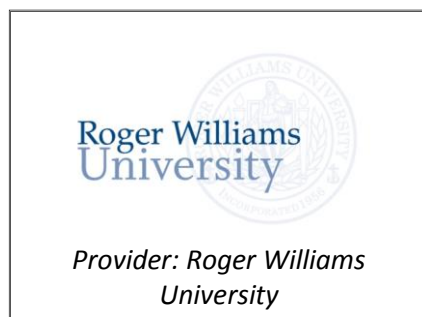
Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Monday / 6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 19151



Foundations of Education

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course enables students to explore the profession and decide whether they want to become teachers. The curriculum examines historical, philosophical, and social issues of teaching and learning through selected readings, class discussions, and student research. This course includes a field experience in an urban public school. Students are required to write and present research on a current issue in education and to compile a "culture of the school" report based on their field experiences. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous /

Location: Online

Provider-Suggested Sched Code: 19151



*Provider: Roger Williams
University*



Intro to the Sports, Entertainment & Event Management Industry

Category: Dual / Concurrent Credit - History & Social Sciences

Description: SEE1001 Introduction to the Sports, Entertainment and Event Management Industry, is the course taken during a new student's first term of enrollment if they are entering JWU as a SEEM major. This course introduces students to the sports, entertainment and event management field. Emphasis is on the historical development, organizational structure, use of technology and career opportunities that exist within the industry. Operational issues related to the management of events and facilities such as arenas, convention centers and stadiums are also discussed.

Credential Opportunity: Dual Credit

Prerequisites: Must be in at least 10th grade and have a 3.0 cumulative GPA

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Wed /6pm - 8:30pm

Location: Harborside Academic Center on the Johnson & Wales University Harborside Campus

Provider-Suggested Sched Code: X



**JOHNSON & WALES
UNIVERSITY**

*Provider: Johnson & Wales
University*

Nonprofit Management

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course provides students with an overview of the role of the nonprofit sector in the United States, as well as comprehensive exposure to the various elements of managing a non-profit organization. Governance, personnel, finance, planning, and service delivery will be examined and best practices located. Students emerge from the course better able to face the challenges of working in and managing a nonprofit organization. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

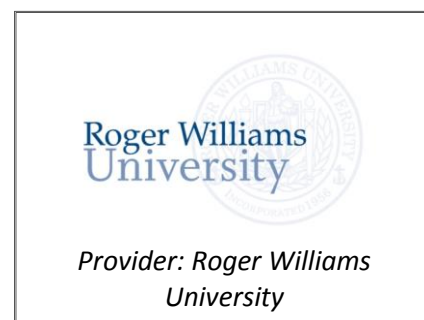
Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Wednesday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 15201



Nonprofit Management

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course provides students with an overview of the role of the nonprofit sector in the United States, as well as comprehensive exposure to the various elements of managing a non-profit organization. Governance, personnel, finance, planning, and service delivery will be examined and best practices located. Students emerge from the course better able to face the challenges of working in and managing a nonprofit organization. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

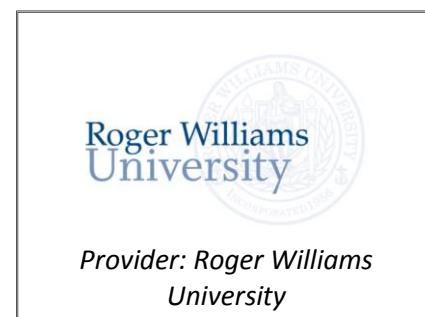
Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Online

Provider-Suggested Sched Code: 15201



Orientation to the Hospitality Industry

Category: Dual / Concurrent Credit - History & Social Sciences

Description: HOSP1001 Orientation to the Hospitality Industry, is the course taken during a new student's first term of enrollment if they are entering JWU as a Hotel Management or Tourism & Hospitality Management major. This course is an introduction to the various segments within the hospitality industry (lodging, food service, travel and tourism, and sports, entertainment and event management). The course prepares students to apply sound management principles to the challenges encountered within the industry.

Credential Opportunity: Dual Credit

Prerequisites: Must be in at least 10th grade and have a 3.0 cumulative GPA

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Wed /6pm - 8:30pm

Location: Harborside Academic Center on the Johnson & Wales University Harborside Campus

Provider-Suggested Sched Code: X



Strategies in Community & Neighborhood Revitalization

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course provides an introduction to the field of community development. This course explores how community development practitioners function as agents of change within the social, cultural, and ecological systems they work. It is intended for students seeking an introduction to the field of community development leadership. Components of this class include developing core academic and professional skills such as research, writing, discussion, community building, analysis and synthesis.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

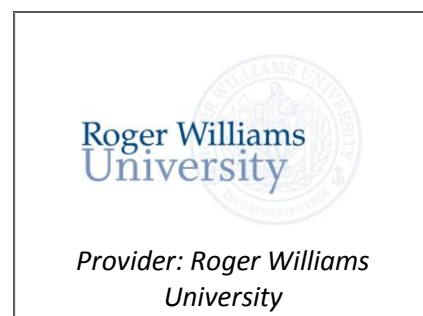
Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tuesday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 15201



Strategies in Community & Neighborhood Revitalization

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course provides an introduction to the field of community development. This course explores how community development practitioners function as agents of change within the social, cultural, and ecological systems they work. It is intended for students seeking an introduction to the field of community development leadership. Components of this class include developing core academic and professional skills such as research, writing, discussion, community building, analysis and synthesis.

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Online

Provider-Suggested Sched Code: 15201



*Provider: Roger Williams
University*



Sustainable Economic and Community Development

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course explores key subject areas related to sustainable economic development, including business creation and retention, microenterprises, co--ops, job creation, asset development, sector analysis, the connection between economic development and social health. Examines the role that community development professionals can and should play in ensuring that economic development occurs in a sustainable manner. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Wednesday /6pm - 9pm

Location: RWU Campus, Providence

Provider-Suggested Sched Code: 15201



*Provider: Roger Williams
University*

Sustainable Economic and Community Development

Category: Dual / Concurrent Credit - History & Social Sciences

Description: This course explores key subject areas related to sustainable economic development, including business creation and retention, microenterprises, co--ops, job creation, asset development, sector analysis, the connection between economic development and social health. Examines the role that community development professionals can and should play in ensuring that economic development occurs in a sustainable manner. (3 credits)

Credential Opportunity: Dual Credit

Prerequisites: None

Scheduling Summary: Virtual - Asynchronous

Semester: Fall 2016

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Online

Provider-Suggested Sched Code: 15201



*Provider: Roger Williams
University*



WORLD LANGUAGES

SPAN113: Intermediate Spanish

Category: Dual / Concurrent Credit - World Languages & Cultures

Description: The cultural and linguistic heritage of the Spanish speaking world is examined, while grammar is reviewed and basic oral and written skills are developed.

Credential Opportunity: Concurrent Credit

Prerequisites: None

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 06112



Provider: Times2Academy

ADVANCED PLACEMENT[©]

SCIENCE, ENGINEERING & TECHNOLOGY

AP Computer Science

Category: Advanced Placement - Engineering & Technology

Description: AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. AP CSP offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cyber security concerns, and computing impacts. AP Computer Science Principles will give students the opportunity to use technology to address real-world problems and build relevant solutions. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

Credential Opportunity:	College Credit (with AP Test)
Prerequisites:	AP Placement Criteria
Scheduling Summary:	F2F - School Day - Every Other Day
Semester:	Yearlong
Middle School Eligible:	No
Day of Week / Time:	Every Other Day /TBA
Location:	Portsmouth High School
Provider-Suggested Sched Code:	10157



Provider: Portsmouth High School

AP Computer Science

Category: Advanced Placement - Engineering & Technology

Description: AP Computer Science A is equivalent to a first-semester, collegelevel course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 10157



Provider: Times2Academy

AP Biology

Category: Advanced Placement - Science

Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 03056



*Provider: Providence Public
School District*

AP Biology

Category: Advanced Placement - Science

Description: AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 03056



AP Chemistry

Category: Advanced Placement - Science

Description: The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - School Day - Every Other Day

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Every Other Day /TBA

Location: Portsmouth High School

Provider-Suggested Sched Code: 03106



AP Chemistry

Category: Advanced Placement - Science

Description: The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 03106



*Provider: Providence Public
School District*

AP Environmental Science

Category: Advanced Placement - Science

Description: The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 03207



Provider: Times2Academy

AP Environmental Science

Category: Advanced Placement - Science

Description: The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them.

Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

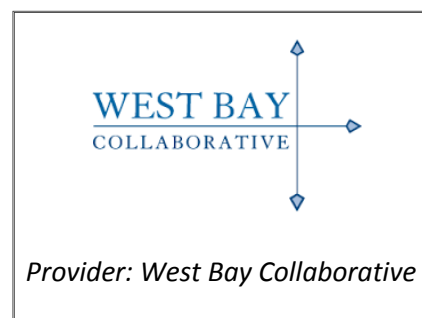
Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 03207



AP Physics

Category: Advanced Placement - Science

Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - School Day - Every Other Day

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Every Other Day /TBA

Location: Portsmouth High School

Provider-Suggested Sched Code: 03155



AP Physics

Category: Advanced Placement - Science

Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 03155



*Provider: Providence Public
School District*

AP Physics

Category: Advanced Placement - Science

Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 03165



Provider: Times2Academy

AP Physics C

Category: Advanced Placement - Science

Description: AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

AP Physics C: Mechanics is equivalent to a one-semester, calculusbased, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - School Day - Every Day

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Every Day (M-F) /TBA

Location: Portsmouth High School

Provider-Suggested Sched Code: 03156



Provider: Portsmouth High School

AP Physics C

Category: Advanced Placement - Science

Description: AP Physics C: Electricity and Magnetism is a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course.

AP Physics C: Mechanics is equivalent to a one-semester, calculusbased, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 03156



*Provider: Providence Public
School District*

MATHEMATICS

AP Calculus AB

Category: Advanced Placement - Mathematics

Description: AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - School Day - Every Other Day

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Every Other Day /TBA

Location: Portsmouth High School

Provider-Suggested Sched Code: 02124



Provider: Portsmouth High School

AP Calculus AB

Category: Advanced Placement - Mathematics

Description: AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 02124



*Provider: Providence Public
School District*

AP Calculus AB

Category: Advanced Placement - Mathematics

Description: AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 02124



Provider: Times2Academy

AP Calculus BC

Category: Advanced Placement - Mathematics

Description: AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - School Day - Every Day

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Every Day (M-F) /TBA

Location: Portsmouth High School

Provider-Suggested Sched Code: 02125



Provider: Portsmouth High School

AP Calculus BC

Category: Advanced Placement - Mathematics

Description: AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AB to different types of equations and introduces the topic of sequences and series.

The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 02125



*Provider: Providence Public
School District*

AP Statistics

Category: Advanced Placement - Mathematics

Description: AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The four main themes are Exploring Data, Sampling and Experimentation, Anticipating

Patterns, and Statistical Inference. This course includes the use of technology, projects and laboratories, cooperative group problem solving, and writing as part of concept oriented instruction and assessment. This approach will allow

students to build interdisciplinary connections with other subjects and with their world outside school.

Credential Opportunity: College Credit (With AP Test)

Prerequisites: Algebra II

Scheduling Summary: Virtual - Asynchronous

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Google Classroom

Provider-Suggested Sched Code: 04256



Provider: Burrillville High School



AP Statistics

Category: Advanced Placement - Mathematics

Description: The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 02203

**Providence
Schools**

*Provider: Providence Public
School District*

AP Statistics

Category: Advanced Placement - Mathematics

Description: The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 02203



Provider: West Bay Collaborative



WORLD LANGUAGES

AP Spanish Language and Culture

Category: Advanced Placement - World Languages & Cultures

Description: The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Credential Opportunity: College Credit (with AP Test)

Prerequisites: Spanish III or AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Saturday /8am - Noon

Location: Classical High School

Provider-Suggested Sched Code: 06112



*Provider: Providence Public
School District*

AP Spanish Language and Culture

Category: Advanced Placement - World Languages & Cultures

Description: The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 06112



Provider: Times2Academy

AP Spanish Language and Culture

Category: Advanced Placement - World Languages & Cultures

Description: The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication.

To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 06112



VISUAL & PERFORMING ARTS

AP Art History

Category: Advanced Placement - Arts

Description: The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs / 7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 05153



HISTORY & SOCIAL STUDIES

AP Psychology

Category: Advanced Placement - History & Social Sciences

Description: AP Psychology introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, exposes students to each major subfield within psychology, and enables students to examine the methods that psychologists use in their science and practice.

Credential Opportunity: College Credit (With AP Test)

Prerequisites: Intro to Psychology

Scheduling Summary: Virtual - Asynchronous

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Virtual - Asynchronous

Location: Google Classroom

Provider-Suggested Sched Code: 02203



Provider: Burrillville High School



AP Psychology

Category: Advanced Placement - History & Social Sciences

Description: AP Psychology introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, exposes students to each major subfield within psychology, and enables students to examine the methods that psychologists use in their science and practice.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: F2F - Weekend 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 04256



Provider: Times2Academy

AP US History

Category: Advanced Placement - History & Social Sciences

Description: AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance — identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture — provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

Credential Opportunity: College Credit (with AP Test)

Prerequisites: AP Placement Criteria

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 04104



CAREER PREPARATION

SCIENCE, ENGINEERING & TECHNOLOGY

3D Modeling and Digital Manufacturing

Category: Career Preparation - Engineering & Technology

Description: 3D Modeling and Digital Manufacturing is an introductory career readiness course, preparing students to work in advanced manufacturing and rapid prototyping. The course is process oriented; student work focuses on designing and completing projects with personal relevance and community impact. It is an integrated curriculum combining a variety of subjects (see below) and driven by student inquiry and experiential learning.

The course combines soft skill development (problem solving, curiosity, initiative, communication, collaboration, communication), technical skills, design and manufacturing techniques, and purpose-driven project-based pedagogy to build a career readiness foundation for students.

Credential Opportunity: Autodesk Certified User

Prerequisites: None

Scheduling Summary: F2F - School Day - Every Day

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /TBA

Location: 1 York Street, Newport RI

Provider-Suggested Sched Code: 21010



Provider: Fab Newport

Cisco Networking Academy IT Skills

Category: Career Preparation - Engineering & Technology

Description: Students learn how to build and set up a computer and connect it securely to a network.

Credential Opportunity: Beginning CompTIA A+ Certification

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 10254



Provider: Times2Academy

CCNA Security

Category: Career Preparation - Engineering & Technology

Description: Students learn to design, implement and support networked devices to fill the growing demand for network security professionals.

Credential Opportunity: Intermediate CCNA Security Certification

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 10108



Provider: Times2Academy

CCNA & CCNA Routing and Switching

Category: Career Preparation - Engineering & Technology

Description: Students learn networking fundamentals and advanced concepts with hands-on practice and simulations to develop their skills.

Credential Opportunity: Intermediate CCENT and CCNA certification earned

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 10149



Provider: Times2Academy

CCNA & CCNP Routing and Switching

Category: Career Preparation - Engineering & Technology

Description: Students advance their networking skills to support converged enterprise networks.

Credential Opportunity: Advanced CCNP Certification
Prerequisites: successful completion of the CCNA certification

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: /

Location: Times2 Academy, Providence

Provider-Suggested Sched Code: 10149



Provider: Times2Academy

Music Stations

Category: Career Preparation – Engineering & Technology

Description: Students complete the course with an understanding of the software and hardware used in modern music production.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /4pm - 6pm

Location: 640 Broad St., Providence RI

Provider-Suggested Sched Code: 05123



Provider: Astro Curricular

Intro to Pharmacy

Category: Career Preparation - Science

Description: In today's world, the role of a pharmacist is rapidly changing. In addition to preparing and dispensing medicine, pharmacists increasingly take the lead on problem-solving health-epidemics, and on direct patient care. If you are interested in a future career as a pharmacist (or in biomedical science, immunology research, etc.), exposure to the factors covered in this course will more than prepare you for your next steps. You will conduct lab experiments, predict the effects of drug interactions on a robotic "dummy" and explore other fascinating topics with University of Rhode Island Professors, students and practitioners. Learn the basics in the state-of-the-art URI School of Pharmacy and gardens, visit important local companies like CVS and Amgen, and make important connections for your future career.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Tuesday /3:30pm - 5:30pm

Location: URI School of Pharmacy

Provider-Suggested Sched Code: 14299



Provider: RiverzEdge

ADDITIONAL OPPORTUNITIES

Applied Career Investigations I

Category: Career Preparation - Additional Opportunities

Description: Think you want to be a doctor, game designer or community planner? Find out what it's like and what it's going to take to get there in CI I & II. Work with a small group of peers, and your Industry Mentor, to create unique original work products that separate you from the pack. Individualized career boosting support, and investigation of all RI has to offer in workforce development, and your field of choice, followed by live worksite experiences, enable unusually deep exploration. By the end of the year, you will know for sure if this is the career for you, and exactly how to pursue it.

Credential Opportunity: N/A
Prerequisites: None
Scheduling Summary: F2F - Afterschool 1xWeek
Semester: Fall 2016
Middle School Eligible: No
Day of Week / Time: Monday /2:30pm - 4:30pm
Location: Woonsocket
Provider-Suggested Sched Code: 22997



Provider: RiverzEdge

Applied Career Investigations I

Category: Career Preparation - Additional Opportunities

Description: Think you want to be a doctor, game designer or community planner? Find out what it's like and what it's going to take to get there in CI I & II. Work with a small group of peers, and your Industry Mentor, to create unique original work products that separate you from the pack. Individualized career boosting support, and investigation of all RI has to offer in workforce development, and your field of choice, followed by live worksite experiences, enable unusually deep exploration. By the end of the year, you will know for sure if this is the career for you, and exactly how to pursue it.

Credential Opportunity: N/A
Prerequisites: None
Scheduling Summary: F2F - Afterschool 1xWeek
Semester: Fall 2016
Middle School Eligible: No
Day of Week / Time: Tuesday /3pm - 5pm
Location: Warwick
Provider-Suggested Sched Code: 22997



Provider: RiverzEdge

MetaCog HS

Category: Career Preparation - Additional Opportunities

Description: Mastering metacognitive skills can aid in all aspects of one's life. This course addresses tools for self awareness and building skills to become life long learners. The evidence based techniques in this system have delivered significant results for thousands of students from all over the nation. This system is packed with powerful learning strategies that will take any student's self awareness to the next level. This system is developed by the EduNovoa Research team in collaboration with renowned experts from Boston University, Chicago University, MIT, Duke, Stanford and more.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Mon/Wed or Tues/Thurs /6pm - 7pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 22003



MetaCog MS

Category: Career Preparation - Additional Opportunities

Description: *Middle School Only* Mastering metacognitive skills can aid in all aspects of one's life. This course addresses tools for self awareness and building skills to become life long learners. The evidence based techniques in this system have delivered significant results for thousands of students from all over the nation. This system is packed with powerful learning strategies that will take any student's self awareness to the next level. This system is developed by the EduNovoa Research team in collaboration with renowned experts from Boston University, Chicago University, MIT, Duke, Stanford and more.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 22003



ADVANCED SECONDARY COURSES

SCIENCE, ENGINEERING & TECHNOLOGY

Brandaris Maritime: Rocketry & Physics of Flight

Category: Advanced Secondary Credit - Engineering & Technology

Description: This program challenges students to explore the four basic principles of flight: Thrust, Drag, Mass and Lift. This is done through the design and build of various flying devices from paper airplanes and “walk along” gliders to pneumatically launched rockets. The opportunity to practice the skills associated with PASA's Graduate Profile are infused in this program offering. The “Rocketry- Physics of Flight” program utilizes lessons from the NASA Educators Guide and Model Rocketry: A STEM Based Curriculum.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed /3:30pm - 5pm

Location: Juanita Sanchez Education Complex.

Provider-Suggested Sched Code: 21055



*Provider: Providence After
School Alliance*

Center for Dynamic Learning: Intro to Mechanical Fabrication

Category: Advanced Secondary Credit - Engineering & Technology

Description: This course provides the student with an introduction to industrial fabrication from the viewpoint of mechanical technology. Successful completion of the course will provide the student with the benefits, limitations, and applications of different machine tools and environmentally friendly engineering materials for product manufacturing and fabrication. Students will study wood, plastic, and metal working.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tues/Thurs /3:30pm - 5pm

Location: 1 Louisa Street in Providence.

Provider-Suggested Sched Code: 21106



*Provider: Providence After
School Alliance*

Chrysalis App Design

Category: Advanced Secondary Credit - Engineering & Technology

Description: Danielle Bessler Foundation: Chrysalis: is a program designed by the Danielle Bessler Foundation for women of high-school age to design and build websites and mobile apps in a supportive atmosphere that encourages creativity & economic self-sufficiency. Students learn principles of coding and computology using state of the art technology, tools & app design techniques.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Tues/Thurs /3:30pm - 5pm

Location: Central High School

Provider-Suggested Sched Code: 10004



*Provider: Providence After
School Alliance*

Compuverse Computer Science

Category: Advanced Secondary Credit - Engineering & Technology

Description: Compuverse, an Introduction to Computer Science, has been developed to address the significant and numerous challenges in the United States' K-12 Computer Science education as identified by the ACM/CST A. Compuverse merges comprehensive CS content with a leading edge delivery mechanism to create a transformational CS learning experience. Using their proven R&D process, the EduNova team leveraged expertise spanning instructional design, game-based interactive learning, curricular design, content contextualization and software engineering to create Compuverse. To address the nation's acute CS education needs, Compuverse includes four design innovations that encompass both content design and content delivery to distinctly distinguish it from existing CS solutions.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /6pm - 7pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 10003



Provider: West Bay Collaborative



DownCity Designers

Category: Advanced Secondary Credit - Engineering & Technology

Description: Students and design educators will work together to dream up a new structure to help a community group in Providence, then they'll use power tools to build it. This is a great class for anyone interested in architecture, design, or construction. No construction skills are necessary

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Wed /3:30pm - 5pm

Location: 425 West Fountain St. in Providence.

Provider-Suggested Sched Code: 17997



*Provider: Providence After
School Alliance*

Intro to Java

Category: Advanced Secondary Credit - Engineering & Technology

Description: In Introduction to Java Programming 10th Edition ©2015, Daniel

Liang teaches concepts of problemsolving and object-oriented programming using a fundamentals-first approach. Beginning programmers learn critical problem-solving techniques then move on to grasp the key concepts of object-oriented, GUI programming, advanced GUI, and web programming using Java. Liang approaches Java GUI programming using JavaFX, not only because

JavaFX is much simpler for new Java programmers to learn and use, but because it has replaced Swing as the new GUI tool for developing cross-platform-rich Internet applications on desktop computers, on hand-held devices, and on the web. Additionally, JavaFX provides a better teaching tool for teachers to demonstrate object-oriented programming.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 10155



Provider: West Bay Collaborative



Principles of Design (ACE FabLab)

Category: Advanced Secondary Credit - Engineering & Technology

Description: In collaboration with DownCity Design and Brandaris Maritime, students will explore principles of design, mechanics of materials, applied physics, use of tools, personal protective equipment, computer-aided design techniques, rapid prototyping, and the emerging advanced and additive manufacturing and construction industries. Students will design and build projects that fulfill an identified community need.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Tues/Thurs /3:30pm - 5pm

Location: Academy for Career Exploration

Provider-Suggested Sched Code: 21053



*Provider: Providence After
School Alliance*

Community Boating Center: Sailing Through Science

Category: Advanced Secondary Credit - Science

Description: This program connects sailing with ten “Reach Initiative” STEM curriculum modules compiled in a highly organized educator’s guide. Students will learn about measuring wind, buoyancy, sail area and perimeter, and simple machines with boats on site at the Community Boating Center. Students will also research water quality, marine debris and upwind sailing topics and how they relate to the marine environment and the sailing experience. More advanced concepts of land and sea breezes, wind power, and underwater exploration round out the course.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Fri /3:30pm - 5pm

Location: at Juanita Sanchez Education Complex and will transition to the Boating Center located at 109 India Street in Providence

Provider-Suggested Sched Code: 03162



*Provider: Providence After
School Alliance*

Global Warming - Climate Change & the New Weather

Category: Advanced Secondary Credit - Science

Description: Learn how global warming is changing the earth's climatic conditions and how the changing climate is creating more extreme weather events here and everywhere else. In studying global warming, you will gain comprehensive knowledge and understanding of carbon cycles, water cycles and the macro forces that shape regional and global weather. Hands-on experiments, habitat observation, "science behind the movie" viewing, interviews with local experts/multiple POVs, independent investigations and production of learnings and work -- as video, physical or virtual models, Power-Points, or your own invention -- will help you better understand one of the critical issues of our time!

Credential Opportunity: N/A
Prerequisites: None
Scheduling Summary: F2F - Afterschool 1xWeek
Semester: Fall 2016
Middle School Eligible: No
Day of Week / Time: Mon/Wed /4pm - 6pm
Location: Riverzedge Green Design Lab, Woonsocket
Provider-Suggested Sched Code: 03007



Provider: RiverzEdge

Global Warming - Climate Change & the New Weather

Category: Advanced Secondary Credit - Science

Description: Learn how global warming is changing the earth's climatic conditions and how the changing climate is creating more extreme weather events here and everywhere else. In studying global warming, you will gain comprehensive knowledge and understanding of carbon cycles, water cycles and the macro forces that shape regional and global eather. Hands-on experiments, habitat observation, "science behind the movie" viewing, interviews with local experts/multiple POVs, independent investigations and production of learnings and work -- as video, physical or virtual models, Power-Points, or your own invention -- will help you better understand one of the critical issues of our time!

Credential Opportunity: N/A
Prerequisites: None
Scheduling Summary: F2F - Afterschool 1xWeek
Semester: Fall 2016
Middle School Eligible: No
Day of Week / Time: Friday /2pm - 6pm
Location: Pawtucket
Provider-Suggested Sched Code: 03007



Provider: RiverzEdge

Oceanography

Category: Advanced Secondary Credit - Science

Description: This course will clearly present the relationships of scientific principles to ocean phenomena in an engaging and meaningful way. It will include highly visual and interactive tools make oceanography approachable, enabling students to see oceanographic processes in action.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

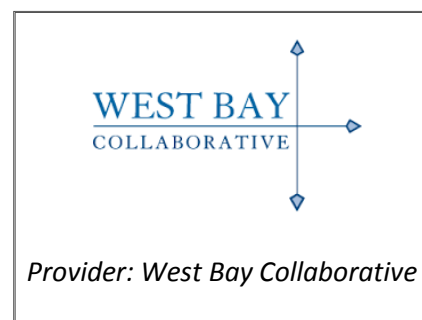
Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 03005



Topics in Public Health/Advocacy

Category: Advanced Secondary Credit - Science

Description: Public Health and Advocacy offers everything you wanted to know about health and much more! Through the shared expertise and experiences of practicing pediatricians, EMTs and clinicians at the forefront of community medicine, you will engage in eye-opening sessions about the most important public health issues of our times. Sessions explore Nutrition, Physical Fitness, Sexuality, Mental Health, Health Careers and others, with ample opportunity to explore how they relate your lives, neighborhoods, cities and regions. Field exploration and independent research more prepare you to become a leading voice now, and health practitioner in your future career. Make a difference, improve a life!

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 1xWeek

Semester: Yearlong

Middle School Eligible: No

Day of Week / Time: Wednesday /3:30pm - 5:30pm

Location: Brown University, School of Public Health

Provider-Suggested Sched Code: 08051



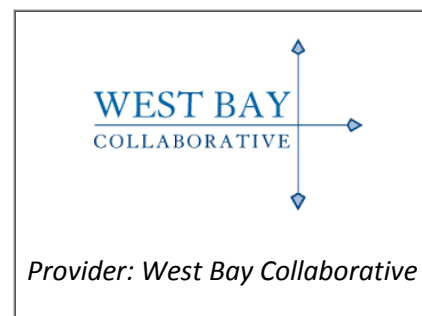
MATHEMATICS

Algebra 1

Category: Advanced Secondary Credit – Mathematics

Description: *Middle School Only* This course will utilize Elayn Martin-Gay's Algebra 1 course. The course incorporates an accessible approach to math lessons, supported by student-friendly videos that elaborate on key math concepts, every student can be successful in math. Martin-Gay's series of highly acclaimed videos are a key element of this robust High School Series, as well as her other bestselling college math courses. Over 3,000 videos by Elayn MartinGay are embedded into the eText and available to easily assign to students for step-by-step instructional and support. The Student Organizer notebook, both in print and digital formats, help students stay organized, and teaches them to develop the key habits of note-taking and journaling. The Student Organizer also includes topic-specific practice and homework problems.

Credential Opportunity: N/A
Prerequisites: None
Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek
Semester: Yearlong
Middle School Eligible: Yes
Day of Week / Time: Mon/Wed or Tues/Thurs /6pm - 7pm
Location: Online with F2F Sessions in Providence by Appt
Provider-Suggested Sched Code: 02052



ENGLISH LANGUAGE & COMPOSITION

Storytelling, Leadership and Change

Category: Advanced Secondary Credit - English Language & Composition

Description: Youth in Action: Storytelling, Leadership and Change: Youth dive into workshops twice a week during the school year exploring skills such as public speaking, cooperation, empathy, facilitation, and storytelling. Above all, youth learn how to build relationships, both with adults and their peers

Credential Opportunity: N/A
Prerequisites: None
Scheduling Summary: F2F - Afterschool 2xWeek
Semester: Fall 2016
Middle School Eligible: No
Day of Week / Time: Wed/Thurs /3:30pm - 5pm
Location: Youth In Action, Providence
Provider-Suggested Sched Code: 22101



Young Voices Leadership Transformation Academy

Category: Advanced Secondary Credit - English Language & Composition

Description: Instructors will meet with the students twice a week, providing advanced leadership training in the development of oral and written communication skills, how to analyze policy issues related to high school education, and the art of dialogue and debate. Each student will also receive additional training in critical thinking and the development of the skills necessary to participate in meetings with the school principals, district and city officials and state representatives.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: F2F - Afterschool 2xWeek

Semester: Fall 2016

Middle School Eligible: No

Day of Week / Time: Mon/Thurs /3:30pm - 5:30pm

Location: 300 Weybosset St, Providence

Provider-Suggested Sched Code: 22101



Provider: RiverzEdge

WORLD LANGUAGES

Mandarin Chinese

Category: Advanced Secondary Credit - World Languages & Cultures

Description: This course will utilize Chinese Link. Chinese Link provides and enjoyable, practical, learner-entered language and cultural experience for beginning students. The communicative focus develops competency in listening, speaking, reading and writing the Chinese language. Chinese Link integrates the "5 Cs" principal- Communication, Cultures, Comparisons, Connections and Communities - throughout the program in order to provide a new approach for teaching and learning the Chinese language in the 21st Century.

Credential Opportunity: N/A

Prerequisites: None

Scheduling Summary: Virtual - Synchronous, Evenings, 2xWeek

Semester: Yearlong

Middle School Eligible: Yes

Day of Week / Time: Mon/Wed or Tues/Thurs /7pm - 8pm

Location: Online with F2F Sessions in Providence by Appt

Provider-Suggested Sched Code: 06301



Provider: West Bay Collaborative



END OF CATALOG

Learn more at
www.ride.ri.gov/advancedcoursework

For questions or comments about the Advanced
Coursework Network, email
advancedcoursework@ride.ri.gov



RIDE Rhode Island
Department
of Education